# West Virginia Department of Environmental Protection Division of Air Quality

# Fact Sheet



# For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on May 26, 2015.

Permit Number: **R30-07100001-2015**Application Received: **January 19, 2016**Plant Identification Number: **03-54-071-00001** 

Permittee: Greer Industries, Inc. d.b.a. Greer Lime Company

Facility Name: Riverton Facility

Mailing Address: 1088 Germany Valley Limestone Road, Riverton, WV 26814

Permit Action Number: MM01 Revised: November 15, 2016

Physical Location: Riverton, Pendleton County, West Virginia

UTM Coordinates: 640.00 km Easting • 4293.00 km Northing • Zone 17

Directions: Approximately two (2) miles south of Seneca Rocks (Junction US Route

33 and WV Route 55) on US Route 33, turn left onto Germany Valley

Limestone Road.

# **Facility Description**

Greer Lime Company (SIC Codes 3274, 1422 and NAICS Codes 327410, 212312) operates a limestone quarry, crushing and sizing operation, limestone grinding system, storage and loadout systems of various lime and limestone products, hydrate plant, two (2) rotary lime kiln systems, lime handling system, and a portable limestone crushing and sizing facility.

This minor modification will incorporate the new screw conveyor authorized by NSR Permit R13-2113K. The new screw conveyor will allow Greer Lime the flexibility to process stored pebble lime to other smaller sized products through processing (crushing and screening) on existing equipment.

# **Emissions Summary**

The addition of the screw conveyor will result in an increase of PM emissions of 3.90 lbs/hr and 12.13 tons/yr.  $PM_{10}$  emissions will increase by 1.80 lbs/hr and 5.60 tons/yr. All  $PM_{10}$  is conservatively assumed to be  $PM_{2.5}$ .

# **Title V Program Applicability Basis**

With the proposed changes associated with this modification, this facility maintains the potential to emit 160.4 tons/yr of CO, 301.39 tons/yr of NO<sub>x</sub>, 187.82 tons/yr of PM<sub>10</sub>, 134.6 tons/yr of SO<sub>2</sub>, and 37.22 tons/yr of HCl. Due to this facility's potential to emit over 100 tons per year of criteria pollutants, over 10 tons per year of a single HAP, and 25 tons per year of aggregate HAPs, Greer Lime Company is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

## **Legal and Factual Basis for Permit Conditions**

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State: 45CSR7

45CSR13 Construction permit.

45CSR30 Operating permit requirement.

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

#### **Active Permits/Consent Orders**

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (if any)
R13-2113K	April 21, 2016	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table," which may be downloaded from DAQ's website.

#### **Determinations and Justifications**

This minor modification incorporates the changes authorized by NSR Permit R13-2113K. The following changes were made to the Title V Permit:

The new Screw Conveyor, 6-SC-11, was added to the Equipment Table, to the Heading in Section 8.0, and to the Lime Handling Area (Group 006) Limitations and Standards Table in Condition 8.1.1. The existing permit conditions pertaining to opacity monitoring requirements of 45CSR7 in Condition 3.2.1. will apply to the new screw conveyor.

#### **Non-Applicability Determinations**

The following requirements have been determined not to be applicable to the subject facility due to the following:

None.

# **Request for Variances or Alternatives**

None.

# **Insignificant Activities**

Insignificant emission unit(s) and activities are identified in the Title V application.

## **Comment Period**

Beginning Date: N/A Ending Date: N/A

#### **Point of Contact**

All written comments should be addressed to the following individual and office:

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# **Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

# **Response to Comments**

Not applicable.